



Clean Water State Revolving Fund

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LOUISIANA DEPARTMENT OF **ENVIRONMENTAL QUALITY**
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Background

- Clean Water State Revolving Fund (CWSRF)
 - Created in 1987 by addition of Title VI to Clean Water Act (CWA)
 - Regulations (1990) per 40 CFR 35.31
 - Water Resources Reform and Development Act (WRRDA), 2014



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Program Purpose

- Below market interest loans for projects necessary to
 - Comply with requirements of Clean Water Act
 - Protect public health



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Current Loan Terms

- Effective interest rate
0.95%
 - Interest rate: 0.45%
 - Administrative fee: 0.5%
- Construction period: 2 years
- Repayment period: 20 years



Eligible Projects

1. Constructing Publicly Owned Treatment Works (POTW)

- (6) Reducing the Demand for POTW Capacity through Water Conservation, Efficiency, and Reuse
- (8) Reduce Energy Consumption for POTW (i.e. Energy Efficiency)
- (10) Security Measures at POTWs
- (11) Technical Assistance for Owners/Operators of small/medium POTWs

2. Nonpoint Source

- (4) Decentralized Systems
- (5) Stormwater Management
- (7) Watershed Pilot Projects
- (9) Reusing or Recycling Stormwater, or Subsurface Drainage Water

3. National Estuary Program Projects





Eligible Projects

- POTW (WWTP & Collection System)
 - Rehabilitation
 - New Construction
 - Upgrades
 - Equipment Purchase
- Nonpoint Sources
- National Estuary Program Projects
- Green Project Reserve (GPR)



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Green Project Reserve (GPR)

- 4 basic categories for green projects
 - Water efficiency improvements
 - Energy efficiency improvements
 - Green infrastructure
 - Environmentally innovative activities





Eligible Projects

○ Rehabilitation



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Eligible Projects

o New construction



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Eligible Projects

o Upgrades



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Eligible Projects

- GPR – Energy Efficiency



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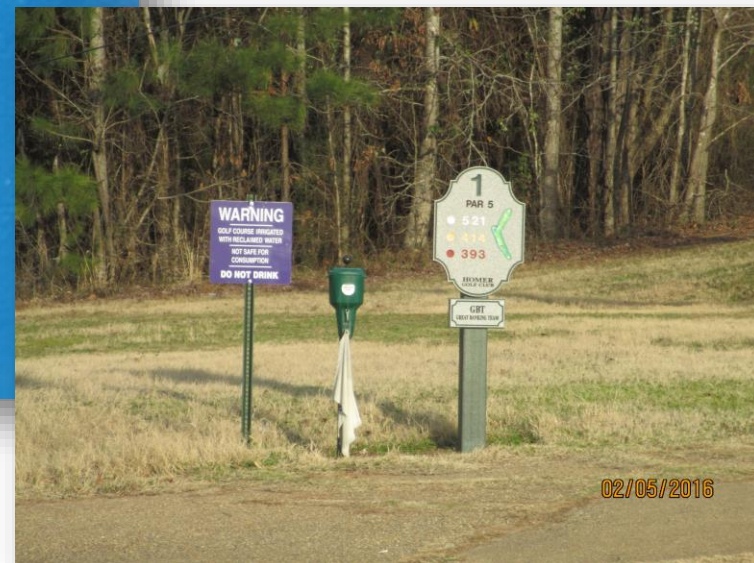


Eligible Projects

- GPR – Water Efficiency (Wastewater Reuse)



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Eligible Projects

○ Nonpoint Source (Always GPR)



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Eligible Projects

- Nonpoint Source (Always GPR)



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Eligible Projects

- Nonpoint Source (Always GPR)
 - Invasive species removal
 - Contaminated site remediation
 - Atmospheric deposition



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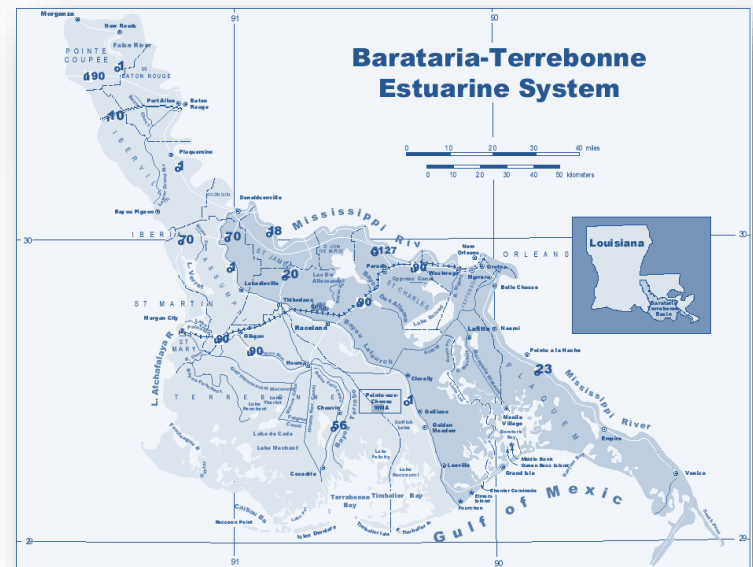
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Eligible Projects

- National Estuary Program Projects (Always GPR)
 - Comprehensive Conservation and Management Plan



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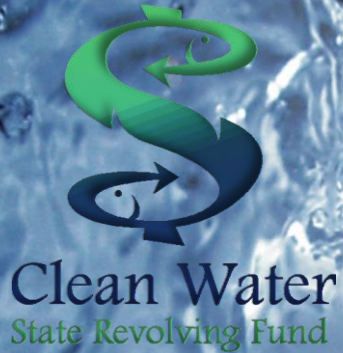
Eligible Costs

- Costs for engineering, design, construction, legal & monitoring fees
- Costs incurred prior to loan closing are reimbursable
- Real estate transactions are usually not eligible



Pre-construction Requirements

- Planning & Environmental
- Design
- Financial Review
- Loan Closing





Planning & Environmental

- Categorical Exclusion?

- Minor in nature
- Existing facilities/utilities
- Nominal change in capacity
- No change in discharge location

- Projects that fall into these categories are “excluded” from a NEPA review

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Planning & Environmental continued

- If NEPA review is required:
 - Preliminary Engineering Report
 - Comprehensive evaluation of needs for construction
 - Environmental Information Document
 - Evaluation of potential environmental impacts of project



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Engineering & Design

- Plans & Specifications
 - Engineering plans
 - Bid specification documents
 - American Iron & Steel
 - Davis Bacon
 - DBE Solicitation
 - Cost & Effectiveness Certification
- Engineering Contracts





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Financial Review

- Local funding ordinance
- State Bond Commission approval
- Financial review
 - Full Application
 - Resolution
 - Assurances
 - Site Certificate
 - EPA Form 5700-49
 - Debt Service Agreements
 - Last 3 audits & 10 year forecast
 - Transparency Act Form



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Loan Closing

- Technical
 - Environmental Complete
 - Engineering Contract
 - Plans & Specs Submitted
- Financial
 - Bond Commission Approval
 - Financial Approval
 - 1st Payment Request Received



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Average Timeline

Engineering

Cat Ex or

• 1 month

PER/EID

• 6 - 12 months

Plans and
Specifications

• 3 - 9 months

Advertising and
Bidding

• 1 - 2 months

Financial

State Bond
Commission

• 3 months

Local funding
ordinance

• 2 months

Financial review

• 3 months



Construction Requirements

- Periodic Inspections
- Document Review
 - Certified Payrolls
 - American Iron & Steel Certifications
- Change Orders
- Payment Requests



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Project Closeout

- Substantial Completion
- Final Inspection
- Clear Lien Certificate
- Final Acceptance (from Loan Recipient)



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LDEQ CWSRF Overview

CWSRF Loans

- Years 1987-2017
 - 225 loans
 - \$1.05 billion
- Years 2010-2017
 - 99 loans
 - \$536 million

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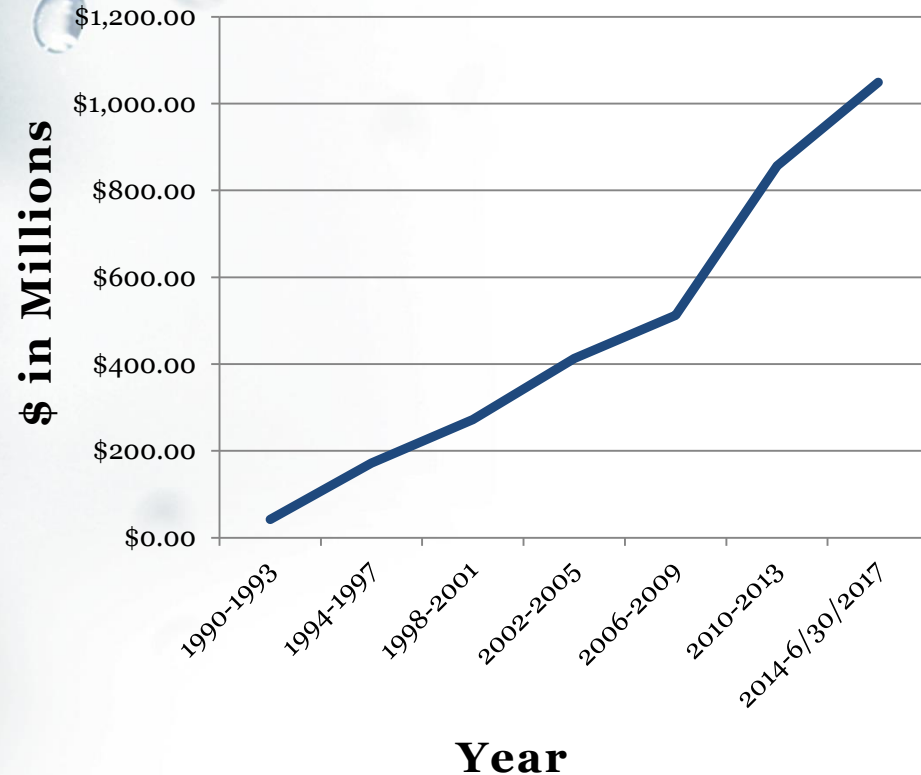


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CWSRF Program Pace


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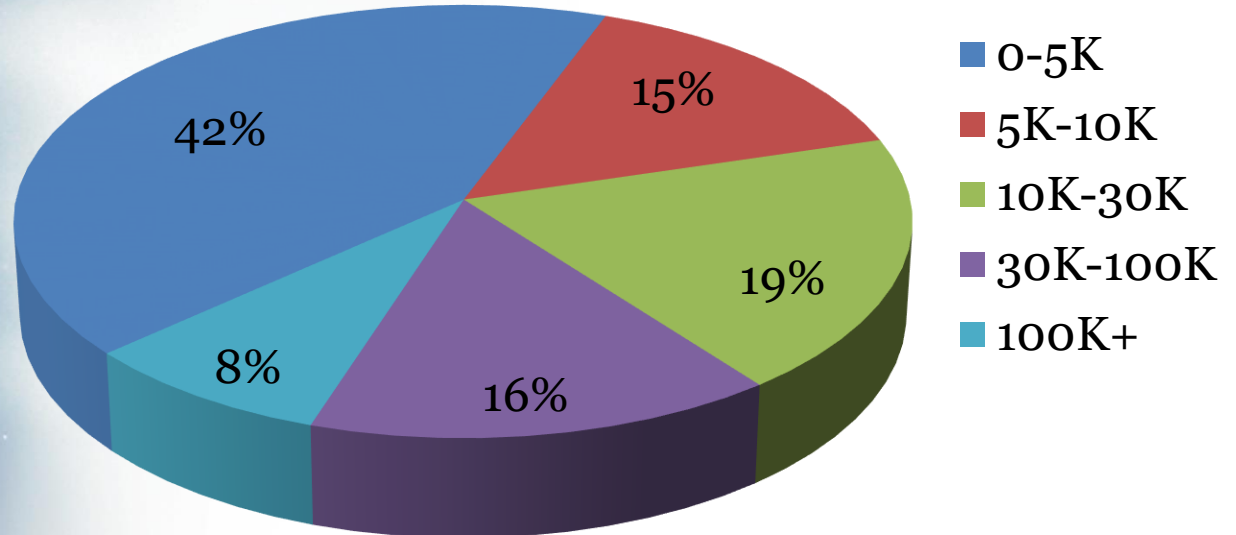
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Population Served by Projects



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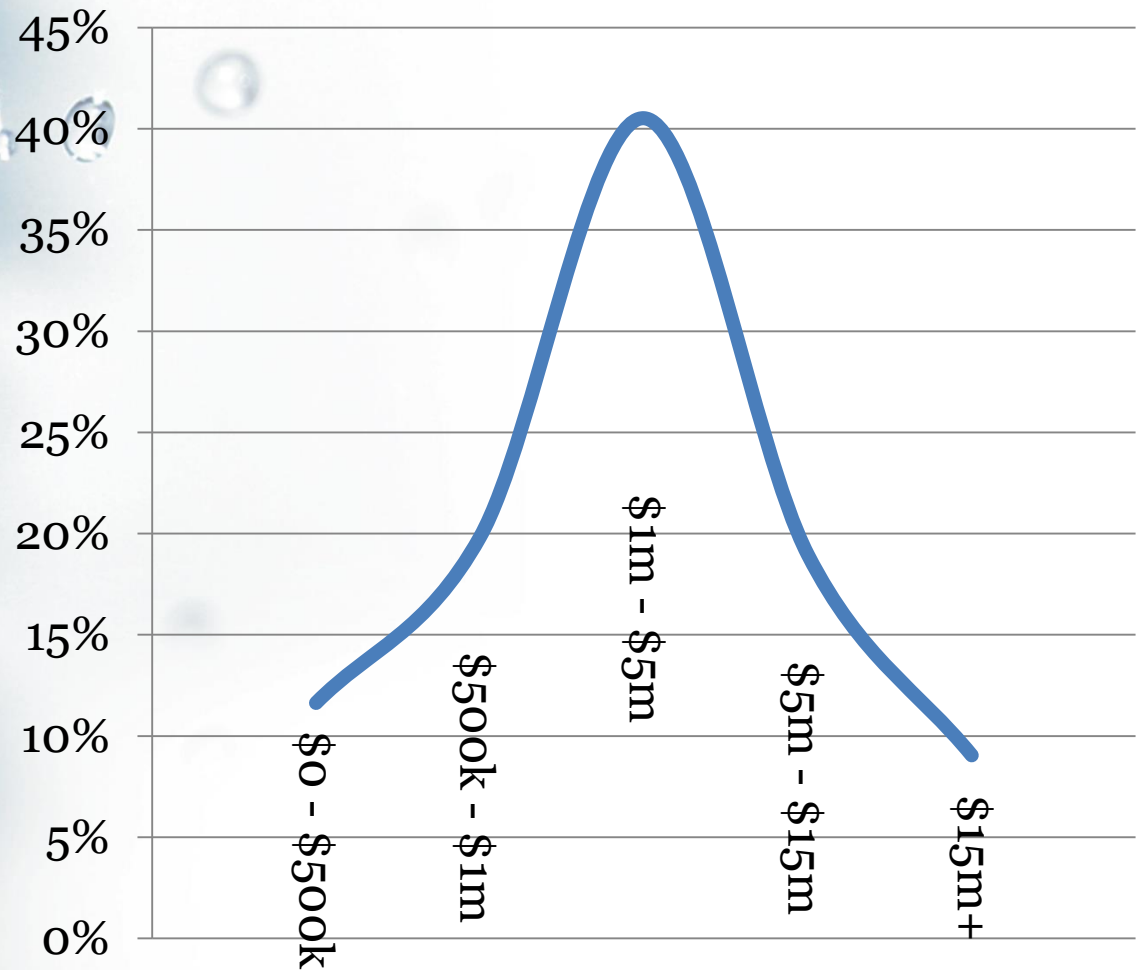


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Loan Amounts



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How to Apply

www.deq.louisiana.gov/cwsrf

- Pre-application
- Project is placed on Priority List
- Projects selected for funding,
 - applicant must complete pre-construction requirements



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Contacts

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